

P27191.A05



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Docket No.: P27191

Douglas D. COOLBAUGH et al.

Confirmation No. 1904

Serial No.: 10/707,905

Group Art Unit: No. 2811

Filed: January 23, 2004

Examiner: Shouxiang Hu

For: **STRUCTURE AND METHOD FOR HYPER-ABRUPT JUNCTION VARACTORS**

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window, Mail Stop AF
Randolph Building
401 Dulany Street
Alexandria, VA 22314

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

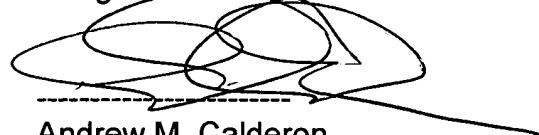
Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents, listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Applicant respectfully requests that the Examiner consider the materials cited and indicate such consideration by appropriately initialing the enclosed PTO-1449 Form and including a copy of the initialed form in the next official communication.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

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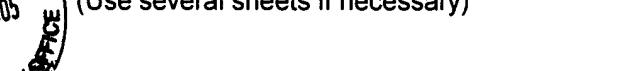
It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Respectfully submitted,
Douglas D. COOLBAUGH

A handwritten signature in black ink, appearing to read "Andrew M. Calderon".

Andrew M. Calderon
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November 29, 2005
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FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. BUR920030177US1		Application No. 10/707,905				
 O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									Applicant Douglas D. COOLBAUGH, et al.						
									Filing Date January 23, 2004		Group 2811				
U.S. PATENT DOCUMENTS															
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
		6	5	2	1	5	0	6	02/18/03	COOLBAUGH et al.					
		6	0	1	4	0	6	4	01/11/00	BOLES et al.					
		4	5	9	0	4	3	9	05/20/86	GOGGIN					
		3	6	3	8	3	0	0	02/01/72	FOXHALL et al.					
		4	6	4	2	5	8	0	02/10/87	SCOTT					
		4	6	6	8	3	0	6	05/26/87	NISHIZAWA					
		6	5	5	9	0	2	4	05/06/03	BOLES et al.					
		6	5	2	1	9	3	9	02/18/03	YEO et al.					
FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO		
		63	-	3	0	0	5	7	0	12/07/88	JAPAN			Abstract	
		64	-	1	9	7	7	9	01/23/89	JAPAN					X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)															
		1	An Article of VELLANKI et al., entitled: "Highly Conductive n+ Layers in InP:Fe Created by MeV Energy Si, S, and Si/S Implantation for Application to Microwave Devices", Journal of Electronic Materials, Vol. 22, No. 1, 1993, pp. 73-80												
EXAMINER							DATE CONSIDERED								
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.															